

# Monthly Summary Sheet for February 2003

## *Gilbert and Mosley Project – Wichita, Kansas*

### **Plumes ABE Construction Activities**

CDM continued the Phase II (environmental education building and plaza area) and Phase III (various site improvements) construction activities in February 2003, and the groundwater treatment system continued to pump and treat large quantities of contaminated groundwater. The environmental education building efforts included the installation of additional ductwork, sheetrock (finishing efforts are shown to the right), electrical conduits, wall tiles, and other building items. The plaza efforts included the construction of additional sidewalk sections and the substantial completion of the arc wall (completion of two-thirds of the wall is shown below) and the interior and exterior planters. The construction efforts for the berms and the irrigation system continued, and the subsurface piping and concrete footers for the fish observatory were installed. The groundwater treatment system pumped and treated approximately 32 million gallons of contaminated groundwater during February 2003 for a total treated volume of approximately 77 million gallons.



**Anticipated March activities:** Construction efforts will continue for the environmental education building (interior wall finishes, plumbing fixtures, lights, etc.), the plaza area (sidewalks, vertical columns, etc.), and the various site improvement items (berms, parking lots, irrigation system, fish observatory, etc.). The groundwater treatment system will continue to pump and treat approximately 1.2 million gallons of groundwater a day.

### **Monitoring Activities**

CDM completed the First Quarter 2003 Site Monitoring Network sampling efforts that included the collection of 143 groundwater/surface water samples (130 groundwater/surface water samples and 13 QA/QC samples) and water level elevation data from 161 measuring points (153 monitoring wells, 2 river gauges, and 6 bridge locations). CDM also continued the Plumes ABE treatment system performance monitoring with the measurement of extraction well water levels and collection of samples from the extraction wells and from the treatment system influent and effluent flows.

**Anticipated March activities:** CDM will begin the preparation of the First Quarter 2003 Site Monitoring Network Report to present the water level data and the analytical results from the sampling efforts.

### **Source Area Activities**

For the Harcross (727 E. Osie Street) and Tri-State Central (724 E. Osie Street) source areas, CDM continued to prepare the Draft Source Control Measures Report. For the South Washington and English source area (149 and 157 South Washington sources), CDM completed work on the Draft Source Area Investigation Report that was submitted to the Kansas Department of Health and Environment (KDHE) on February 17, 2003, and CDM continued to prepare the Draft Source Control Measures Report.

**Anticipated March activities:** CDM will complete the source area investigation work at the Harcross/Tri-State Central and the South Washington and English source areas with the final preparation of the source control measures reports.